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(84) Designated contracting states:	(74) Representative:

**(54) CONTAINER LID FOR
GERM FREE PACKING
CONTAINER****(57) Abstract:**

PURPOSE: To obtain a container lid for a germ free packing container, which has an excellent flavor maintaining property for a packed content in the container and which has an easily openability by a method wherein a liner for the lid shell body is made of a polyolefin - ethylene propylene copolymer rubber composition which contains a lubricant, and the lid is used for sealing after being pre-sterilized with a sterilizing liquid.

CONSTITUTION: A container lid for a germ free filling container is composed of a lid shell body and a liner which is applied on the inner surface of a top plate of the lid shell body by melt pressure molding and is thermally bonded on the inner surface of the top plate, extending the whole area. The liner is made of a polyolefin-ethylene propylene copolymer rubber composition which contains a lubricant, and the container lid is used for sealing after being pre-sterilized

with a sterilizing liquid. For the lubricant, higher fatty acids, such as fatty acid amide or fatty acid ester, etc. can be counted, and a lubricant, which at least is held by adhesion on the surface layer or outer surface of the resin at the time of forming of the liner, is preferable. For such kind of lubricant, a higher fatty acid of which carbon number is at 6 or higher but 30 or lower is suitable. A sufficient effect to the cap opening torque can be frequently observed in lubricants which contain higher fatty acid in this range.

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